

=> d his

(FILE 'HOME' ENTERED AT 12:41:49 ON 05 FEB 2001)

FILE 'MEDLINE' ENTERED AT 12:42:14 ON 05 FEB 2001

L1 17017 S DEXTRAN  
L2 17062 S LOW MOLECULAR WEIGHT  
L3 14175 S HIGH MOLECULAR WEIGHT  
L4 743 S L2 AND L1  
L5 52 S L4 AND L3  
L6 71 S DEXTRAN 1  
L7 398615 S PERFUSION OR TRANSPLANTATION OR PRESERVATION  
L8 16 S L7 AND L6

FILE 'WPIDS' ENTERED AT 12:48:28 ON 05 FEB 2001

L9 0 S L5 AND L7  
L10 3703 S DEXTRAN  
L11 18912 S L7  
L12 87 S L10 AND L11

=> log hold

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY  
65.14

TOTAL  
SESSION  
69.29

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 12:58:38 ON 05 FEB 2001

L18 ANSWER 1 OF 5 MEDLINE

AN 90163845 MEDLINE

DN 90163845

TI The effect of iso-oncotic plasma substitutes: gelatine, dextran 40 (50 g/l) and the effect of Ringer's lactate on the plasma volume in healthy subjects.

AU van den Broek W G; Trouwborst A; Bakker W H

CS Department of Anesthesiology, Erasmus University Rotterdam, University Hospital (Dijkzicht), The Netherlands..

SO ACTA ANAESTHESIOLOGICA BELGICA, (1989) 40 (4) 275-80.

Journal code: 082. ISSN: 0001-5164.

CY Belgium

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199005

AB 82 healthy subjects undergoing Extra-corporeal Shock Wave Lithotripsy (ESWL) under epidural anesthesia were given 1000 ml of either gelatine (Geloplasme), dextran 40, 50 g/l (Isodex) or Ringer's lactate. The

purpose

of the study was to determine the efficacy of the three described solutions in respect to blood volume changes. A clear differentiation is only possible under absolutely defined physiological conditions and therefore in contrast to other studies, none of these patients was suffering from any shock syndrome or had any blood loss, so no capillary leakage or transcapillary refill problem was present. Plasma volume (PV), colloid oncotic pressure (COP) and hematocrit (Hct) were measured before and 15, 120 and 240 min. after infusion. PV increased both in the

gelatine

and dextran groups with a higher initial increase in the dextran group. COP increased after 15 min. and Hct decreased after 15 min. in the gelatine and dextran groups. With regard to absolute contraindications this study suggests that dextran 40 can be recommended as plasma substitute due to its higher initial increase in PV, its moderate

duration

of effect and its low incidence of anaphylactic reaction after a

preceding

infusion of 20 ml dextran Mw 1000 (**Promiten**).

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L9 0 S L5 AND L7  
L10 3703 S DEXTRAN  
L11 18912 S L7  
L12 87 S L10 AND L11

FILE 'MEDLINE' ENTERED AT 13:21:45 ON 05 FEB 2001

L13 17017 S L1  
L14 743 S L1 AND L2  
L15 38935 S 1000  
L16 150 S L15 AND L13  
L17 93 S MACRODEX  
L18 5 S PROMITEN  
L19 1 S (DEXTRAN MW 1000) OR (DEXTRAN 1KDA)

FILE 'WPIDS' ENTERED AT 13:40:27 ON 05 FEB 2001

L20 0 S PROMITEN

=> log hold